



Figure 2.

Peptide sequence (SEQ ID NO: 5):

MPFVNKQFNY KDPVNGVDIA YIKIPNAGQM QPVKAFKIHN KIWVIPERDT FTNPEEGDLN
PPPEAKQVPV SYDSTYLST DNEKDNLYLK VTKLFERIYS TDLGRMLLTS IVRGIPFWGG
STIDTELKVI DTNCINVIQ DGSYRSEELN LVIIGPSADI IQFECKSFGH EVLNLTRNGY
GSTQYIRFSP DFTFGFEESL EVDTNPLLGA GKFDATPAVT LAHELIHAGH RLYGAIINPN
RVFKVNTNAY YEMSGLEVSV EELRTFGGHD AKFIDSLQEN EFRLYYYNKF KDIASLTNKA
KSIVGTTASL QYMKNVFKK YLLSEDTSGK FSVDKLKFDK LYKMLTEIYT EDNFVKFFKV
LNRKTYLNFD KAVFKINIVP KVNVTIYDGF NLRNTNLAAN FNGQNTTEINN MNFTKLKNFT
GLFEFYKLLC VRGIITSKTK SLDKGYNKAL NDLCIKVNNW DLFFSPSEDN FTNDLNKGEE
ITSDTNIEAA EENISLDLIQ QYYLTFNFDN EPENISIEENL SSDIIGQLEL MPNIERFPNG
KKYELDKYTM FHYLRAQEFH HGKSRIALTN SVNEALLNPS RVTYFFSSDY VKKVNKATEA
AMFLGWVEQL VYDFTDETSE VSTTDKIADI TIIIPYIGPA LNIGNMLYKD DFVGALIFSG
AVILLEFIPE IAIPVLGTFA LVSYIANKVL TVQTIIDNALS KRNEKWDEVY KYIVTNWLAK
VNTQIDLIRK KMKEALENQA EATKAIINYQ YNQYTEEEKN NINFNIDDL SSKLNESINKA
MININKFLNQ CSVSYLMNSM IPYGVKRLD FASLKDALL KYIYDNRGTL IGQVDRLLKDK
VNNTLSTDIP FQLSKYVDNQ RLLSTFTEYI KNIINTSILN LRYESNHLID LSRYASKINI
GSKVNFDPID KNQIQFLNLE SSKIEVILKN AIVYNSMYEN FSTSFWIRIP KYFNSISLNN
EYTIINCMEEN NSGWKVSLEY GEIIWTLQDT QEIKQRVVFK YSQMINISDY INRWIFVTIT
NNRLNNSKIY INGRLLIDQKP ISNLGNIHAS NNIMFKLDGC RDTHRYIWIW YFNLFDKELN
EKEIKDLYDN QSNNGILKDF WGDYLDQDKP YYMLNLYDPN KYVDVNNVGI RGYMYLKGPR
GSVMTTNIYL NSSLYRGTKF IIKKYASGNK DNIVRNNDRV YINVVVKNKE YRLATNASQA
GVEKILSALE IPDVGNLSQV VVMKSKNDQG ITNKCKMNLQ DNNGNDIGFI GFHQFNNAIK
LVASNWNRRQ IERSRRTLGC SWEFIPVDDG WGERPL

Peptides containing S or T (underlined):

position	peptide	SEQ ID NO:
49-66	DTFTNPEEGDLNPPPEAK	40
67-84	QVPVSYYDSTYLSTDNEK	41
90-93	GVTK	42
98-105	IYSTDLGR	43
106-113	MLLTSIVR	44
114-128	GIPFWGGSTIDTELK	45
129-145	VIDTNCINVIQPDGSYR	46
146-166	SEELNLVIIGPSADIIQFEC K	47
167-177	SFGHEVLNLTR	48
178-187	NGYGSTQYIR	49
188-212	FSPDFTFGFEESLEVDTNPL LGAGK	50
213-231	FATDPAVTLAHELIHAGHR	51
245-264	VNTNAYYEMSGLEVSVFEELR	52
265-272	TFGGHDAK	53
273-283	FIDSLQENEFK	54
292-299	DIASLTNK	55
302-314	SIVGTTASLQYMK	56
321-330	YLLSEDTSGK	57
331-335	FSVDK	58
344-356	MLTEIYTEDNFVK	59
365-371	TYLNFDK	70
382-393	VNYVTIYDGFNLR	71
394-415	NINLAANFNGQNTTEINNMF TK	72
418-427	NFTGLFEFYK	73
433-438	GIITSK	74
439-440	TK	75
441-444	SLDK	76

Figure 2
Continue

457-477	VNNWDLFF <u>SP</u> SEDNFTNDLN K	77
478-536	GEEITSDT <u>NIEAAEENIS</u> LD LIQQYYLT <u>FN</u> FDNEPENIS <u>I</u>	78
548-555	Y <u>TM</u> FHYLR	79
564-565	<u>SR</u>	80
566-581	IAL <u>TNS</u> VNEALLN <u>PSR</u>	81
582-592	VY <u>TF</u> FS <u>SDY</u> VK	82
597-626	A <u>TEA</u> AMFLGWVEQLVYDFTD <u>ET</u> SEV <u>STTDK</u>	83
627-649	IADITII <u>HPYIG</u> PALNIGNM LYK	84
650-688	DDFVGALIFSGAVILLEFIP EIAIPVLG <u>TF</u> ALV <u>SY</u> IANK	85
689-701	VL <u>T</u> VQTIDNAL <u>S</u> K	86
712-720	YIV <u>T</u> NWLAK	87
721-729	VNT <u>Q</u> IDLIR	88
734-744	EAL <u>NQ</u> AEAT <u>K</u>	89
745-759	AIINYQYNQY <u>TE</u> EEK	90
760-772	NNINFNIDDL <u>S</u> S	91
773-779	LNE <u>S</u> INK	92
787-806	FLNQCS <u>V</u> SYLMNS <u>M</u> IPYGVK	93
808-816	LEDFD <u>A</u> SLK	94
828-836	GTLIGQVDR	95
841-855	VNN <u>TL</u> STDIPFQL <u>S</u> K	96
862-871	LL <u>ST</u> FEYIK	97
872-882	NIINT <u>S</u> SILNLR	98
883-893	YESNHLID <u>L</u> SR	99
894-897	Y <u>A</u> SK	100
898-903	INIG <u>S</u> K	101
912-923	NQIQLFNLE <u>S</u> S	102
930-948	NAIVYNS <u>M</u> YENF <u>ST</u> FWIR	103
952-975	YFNSISLNNEY <u>T</u> IINCMENN <u>S</u> GWK	104
976-994	V <u>S</u> LN _Y GEIIW <u>T</u> LQD <u>T</u> QEI <u>K</u>	105
1001-1013	Y <u>S</u> QMINISDYINR	106
1014-1023	WIFV <u>T</u> I <u>T</u> NNR	107
1024-1028	LNN <u>S</u> K	108
1035-1056	LIDQKPISNLGNIHA <u>S</u> NNIM FK	109
1062-1065	D <u>TH</u> R	110
1086-1098	DLYDNQ <u>S</u> N <u>S</u> GILK	111
1141-1156	G <u>S</u> VMT <u>T</u> NIYLN <u>S</u> SLYR	112
1157-1159	G <u>T</u> K	113
1165-1170	Y <u>A</u> SGNK	114
1193-1204	LA <u>T</u> NA <u>S</u> QAGVEK	115
1205-1224	IL <u>S</u> ALEIPDVGNL <u>S</u> QVVVMK	116
1225-1226	<u>S</u> K	117
1227-1234	NDQG <u>I</u> TNK	118
1261-1269	LV <u>A</u> SNWYNR	119
1274-1276	<u>S</u> SR	120
1277-1296	<u>T</u> LG <u>C</u> <u>S</u> WEFIPVDDGWGERPL	121